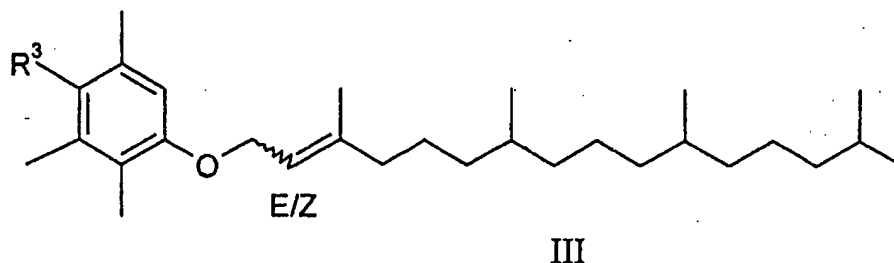


AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

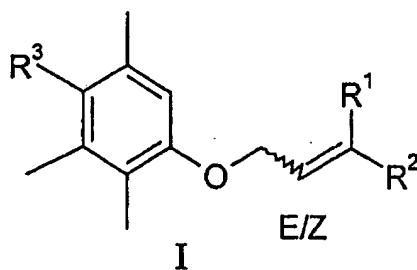
1. (original) A process for the manufacture of compounds represented by the following formula III



wherein R³ is C₂₋₅-alkanoyloxy,

by the reaction of

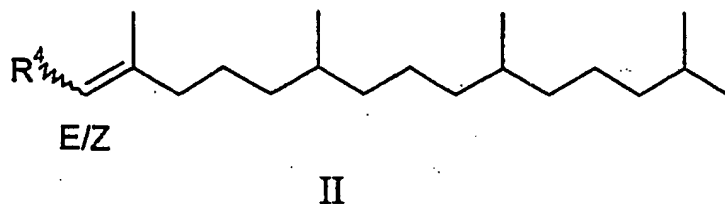
a) a compound represented by the following formula I



wherein R¹ and R² are independently from each other H or C₁₋₅-alkyl, with the proviso that at least one of R¹ and R² is not H, and

wherein R³ is as defined above, with

b) a compound represented by the following formula II



wherein R⁴ is H or CH₂-R⁵,

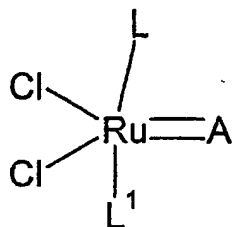
wherein R⁵ is formyloxy, C₂₋₅-alkanoyloxy, benzoyloxy, C₁₋₅-alkoxy or OSiR⁶R⁷R⁸,

wherein R⁶, R⁷ and R⁸ are independently from each other C₁₋₆-alkyl or phenyl,
in the presence of a cross-metathesis catalyst.

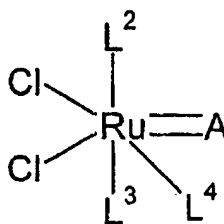
2. (original) The process as claimed in claim 1, wherein the cross-metathesis catalyst is a ruthenium compound used in homogeneous catalysis.

3. (original) The process as claimed in claim 2, wherein the ruthenium compound is a ruthenium metal carbene complex possessing (a) ruthenium metal center(s), having an electron count of 16 and being penta-coordinated or a ruthenium metal carbene complex possessing (a) ruthenium metal center(s), having an electron count of 18 and being hexa-coordinated, preferably a ruthenium metal carbene complex possessing a ruthenium metal center, having an electron count of 16 and being penta-coordinated.

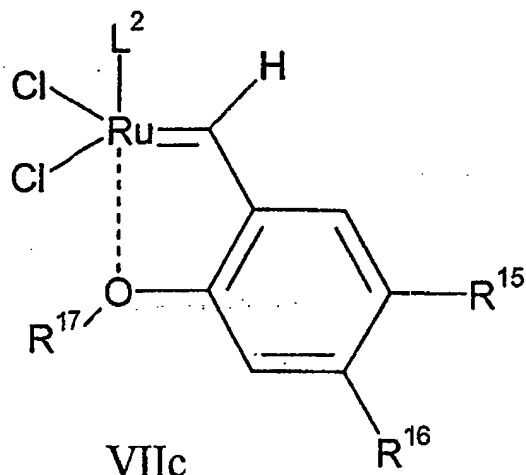
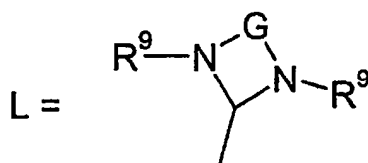
4. (original) The process as claimed in claim 2, wherein the ruthenium compound is one of the complexes represented by the following formulae VIIa, VIIb and VIIc:



VIIa



VIIb



VIIc

wherein R⁹ is an optionally single or multiple C₁₋₅-alkylated and/or C₁₋₅-alkoxylated phenyl,

G is ethane-1,2-diyl, ethylene-1,2-diyl, cyclohexane-1,2-diyl or 1,2-diphenylethane-1,2-diyl,

L¹ is PR¹⁰R¹¹R¹²,

wherein R¹⁰, R¹¹ and R¹² are independently from each other C₁₋₈-alkyl, phenyl or tolyl,

A is CH_2 , C(H)aryl , C(H)R^{13} , $\text{C}=\text{C(R}^{13})_2$, $\text{C}=\text{C(H)Si(R}^{14})_3$, $\text{C(H)-C(H)=C(R}^{13})_2$, $\text{C}=\text{C(H)(phenyl)}$, $\text{C(H)-C(H)=C(phenyl)}_2$ or $\text{C}=\text{C}=\text{C(phenyl)}_2$,

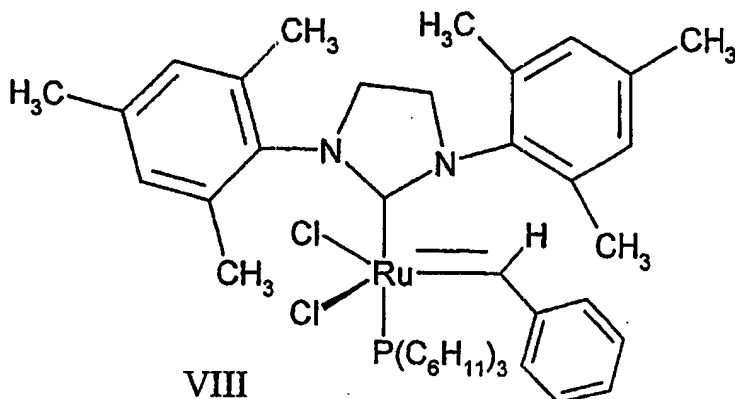
wherein "aryl" is an optionally single or multiple C_{1-5} -alkylated and/or halogenated phenyl, R^{13} is C_{1-4} -alkyl, R^{14} is C_{1-6} -alkyl or phenyl,

L^2 is L or L^1 ,

L^3 and L^4 are independently from each other pyridyl or 3-halopyridyl, wherein halo is Br or Cl,

R^{15} and R^{16} are both H or form together a fused benzene ring, and R^{17} is C_{1-5} -alkoxy.

5. (original) The process as claimed in claim 2, wherein the ruthenium compound is represented by the following formula VIII



6. (currently amended) The process as claimed in ~~any of the preceding claims~~ claim 1, wherein the reaction is carried out in an aprotic organic solvent.

7. (original) The process as claimed in claim 6, wherein the aprotic organic solvent is a dialkyl ether $\text{R}^{18}\text{-O-R}^{19}$, tetrahydrofuran, tetrahydropyran, 1,4-dioxane, methylene chloride, chloroform, cumene, an optionally once, twice or thrice methylated arylene, or a mixture thereof,

wherein R^{18} and R^{19} are independently from each other linear C_{1-4} -alkyl or branched C_{3-8} -alkyl.

8. (original) The process as claimed in claim 7, wherein the aprotic organic solvent is tetrahydrofuran, methylene chloride, chloroform, toluene or a mixture thereof, preferably toluene.

9. (currently amended) The process as claimed in ~~claims 6 to 8~~ claim 6, wherein from about 3 ml to about 15 ml, preferably from about 4 ml to about 10 ml, more preferably from about 4.5 ml to about 8 ml of the aprotic organic solvent are used per mmol of compound a) or b), whichever is used in the lesser amount.

10. (currently amended) The process as claimed in ~~claims 1 to 5~~ claim 1, wherein the reaction is carried out essentially in the absence of an additional solvent.

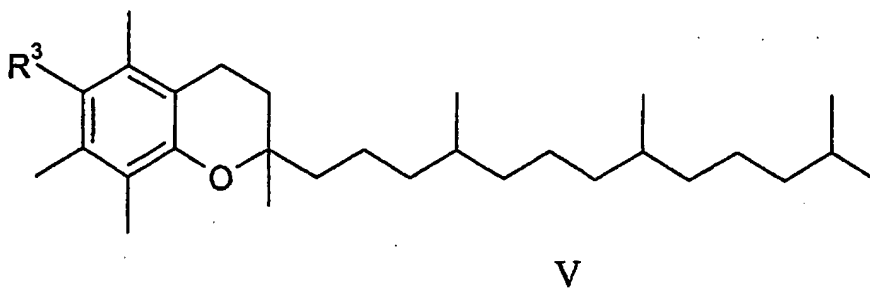
11. (original) The process as claimed in claim 10, wherein the reaction is carried out in vacuo, preferably at a pressure below 100 mbar.

12. (currently amended) The process as claimed in ~~any one of the preceding claims~~ claim 1, wherein the relative amount of the cross-metathesis catalyst to the amount of compound a) or b), whichever is used in the lesser amount, is from about 0.0001 mol% to about 20 mol%, preferably from about 1.0 mol% to about 10 mol%, more preferably from about 2 to about 5 mol%.

13. (currently amended) The process according to ~~any one of the preceding claims~~ claim 1, wherein the molar ratio of compound a) to compound b) present in the reaction mixture is from about 1:10 to about 10:1, preferably from about 1:5 to about 5:1, more preferably from about 1:3 to about 1:2.5.

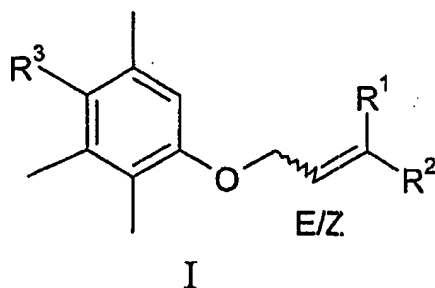
14. (currently amended) The process as claimed in ~~any one of the preceding claims~~ claim 1 wherein the reaction is carried out at temperatures from about 10°C to about 120°C, preferably from about 30°C to about 100°C, especially from about 40°C to about 85°C.

15. (original) A process for the manufacture of α -tocopheryl alkanoates represented by the following formula V

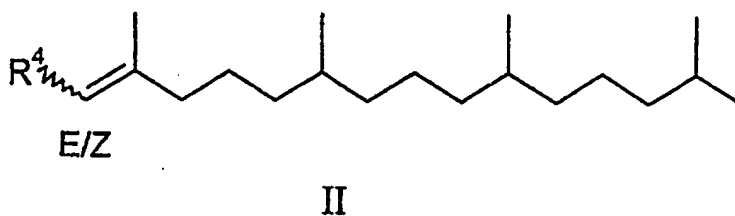


comprising the following steps:

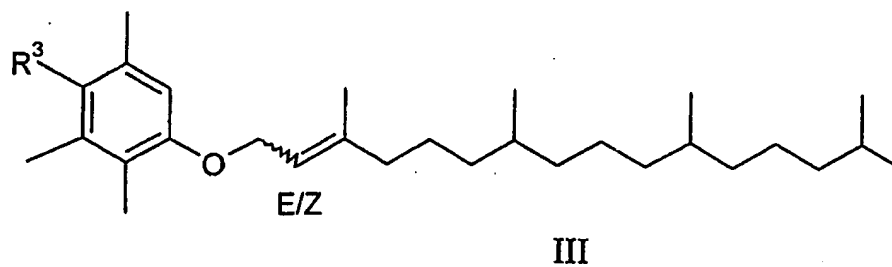
i) reacting of a compound represented by the following formula I



with a compound represented by the following formula II

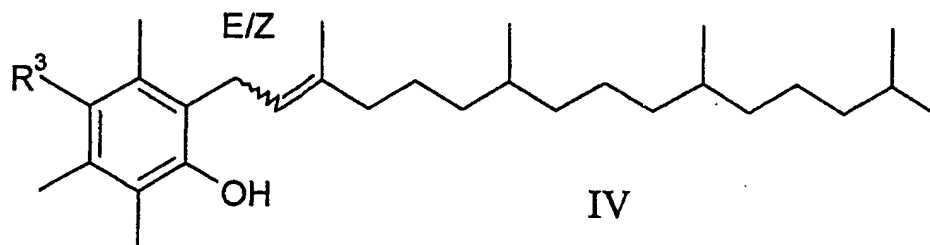


to a compound represented by the following formula III



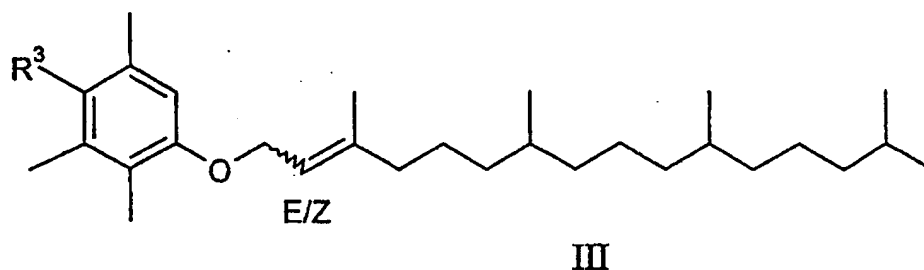
in the presence of a cross-metathesis catalyst,

ii) subjecting the compound represented by the formula III and obtained in step i) to a rearrangement to the compound represented by the following formula IV, and



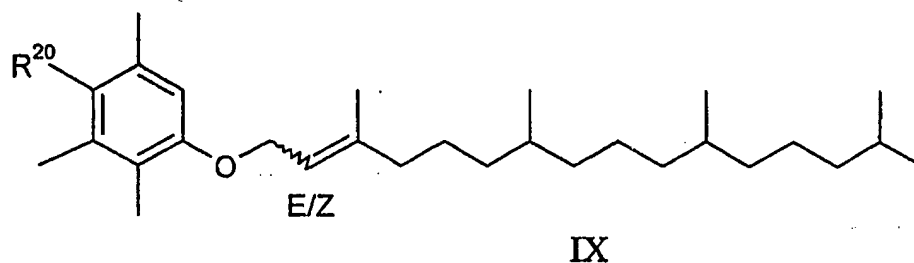
iii) subjecting the compound represented by the formula IV and obtained in step ii) to a cyclization to the compound represented by the formula V, wherein R¹, R², R³ and R⁴ are as defined in claim 1.

16. (original) Compounds of the formula III



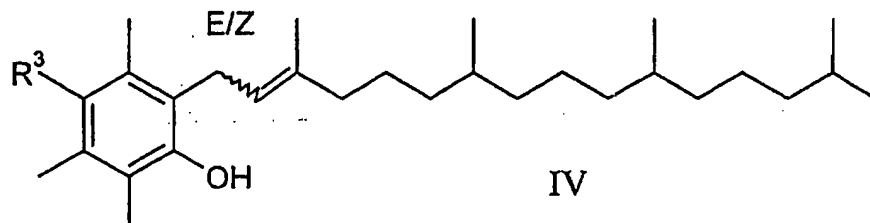
wherein R³ is C₂₋₅-alkanoyloxy.

17. (original) Compounds of the formula IX



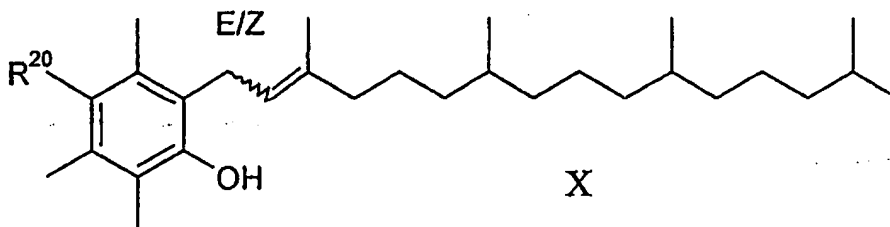
wherein R²⁰ is C₃₋₅-alkanoyloxy.

18. (original) Compounds of the formula IV



wherein R³ is C₂₋₅-alkanoyloxy.

19. (original) Compounds of the formula X



wherein R²⁰ is C₃₋₅-alkanoyloxy.